Geological Technics Inc._

REPORT

Groundwater Monitoring 1st Quarter 2005

Ham Station 34950 Hwy 88 Pioneer, Amador County, CA

> Project No. 808.2 August 25, 2005

Prepared for:
Mr. Thomas A. Newcomer
Ham Station
34950 Hwy 88

Pioneer, CA 95666

Prepared by:
Geological Technics Inc.
1101 7th Street
Modesto, California 95354
209-522-4119

Geological Technics Inc.

Modesto, California 95354 (209) 522-4119 / Fax (209) 522-4227

August 25, 2005

Project No.:

808.2

Project Name: Ham Station (Hwy 88)

Mr. Thomas A. Newcomer Ham Station 34950 Hwy 88 Pioneer, CA

RE:

Report:

Groundwater Monitoring – 1st Quarter 2005

Location:

Ham Station, 34950 Hwy 88, Pioneer, Amador County, CA

Dear Mr. Newcomer:

Geological Technics Inc. has prepared the following Report for the 1st Quarter 2005 groundwater-monitoring event at Ham Station, 34950 Highway 88 in Pioneer, CA. The report provides analytical results and discussion of the monitoring/sampling activities conducted at the site on March 11, 2005.

If you have any questions, please contact me at (209) 522-4119.

Respectfully submitted,

Raynold I. Kablanow II, Ph.D. Vice President

cc:

Kirk Larson - CRWQCB-CVR Bob Fourt – Amador County **USTCF**

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Geological Technics Inc._

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REPORT

Groundwater Monitoring 1st Quarter 2005

Ham Station 34950 Hwy 88 Pioneer, Amador County, CA

> Project No. 808.2 August 25, 2005

EXECUTIVE SUMMARY

This report summarizes the 1st Quarter 2005 round of groundwater monitoring and testing that took place at the site on March 11, 2005. Monitoring well MW-1 was non-detect above the laboratory detection limits for all analyzed constituents. This is the thirteenth consecutive monitoring event with these results. Monitoring wells (MW-2 through MW-5) were dry and not sampled.

The domestic well was non-detect above the laboratory detection limits for all analyzed constituents. The domestic well has been non-detect for all analyzed constituents since sampling began in October of 1999 with the exception of the November 2001 event.

The groundwater level in MW-1 increased approximately 3.70 feet since the December 2004 monitoring event. Dissolved oxygen concentration measured in MW-1 was 6.20 ppm. Oxidation-reduction potential was positive in both MW-1 and the domestic well. Field parameters are favorable for aerobic biodegradation.

A summary of groundwater elevation is included as Table 1. A summary of groundwater analytical data is included as Table 2. A summary of water quality parameters is included as Table 3.

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1.0 GROUNDWATER MONITORING

1.1 Hydrogeology of Site

Depth-to-groundwater measurements, incorporating the new wells, were performed on March 11, 2005. This is the sixth groundwater-monitoring event since the installation of the new monitoring wells in October 2003. Site-specific groundwater gradient and bearing calculations could not be computed because only one monitoring well (MW-1) had measurable water levels.

On March 11, 2005, the depth to water in MW-1 was 145.03 feet bgs. The groundwater elevation in MW-1 is 5292.03 feet AMSL.

Table 1 in Appendix A contains groundwater elevation, bearing and slope data.

As required under AB2886, the depth to groundwater data was submitted electronically to GeoTracker on August 15, 2005, with confirmation number 1590835392.

1.2 Groundwater Sampling Procedure

Mr. Don Light of Del-Tech Geotechnical Services (Del-Tech) mobilized to the site on March 11, 2005, to sound, purge and sample the site's five groundwater-monitoring wells (MW-1 thru MW-5) and domestic well. Before sampling, the monitoring wells were sounded for depth to water with an electrically actuated sounding tape. The water level reading was recorded to an accuracy of 0.01 foot. No floating product or fuel odors were observed during this sampling event. Monitoring wells MW-2 through MW-5 were dry and could not be sounded.

MW-1 was purged of three well casing volumes of stagnant water using a 4-foot stainless steel bailer. Purging continued until the temperature, conductivity, and pH of the groundwater stabilized (<10% variation between three readings) indicating that formation water representative of aquifer conditions was entering the well. These water quality parameters were measured at intervals of each well volume purged.

Once purging was complete, a water sample was collected, from each well containing enough water, utilizing a 4-foot stainless steel bailer. Care was taken to minimize sample agitation. Once the sample container was filled and capped, the bottle was inverted, tapped, and checked for headspace bubbles. The sample container was identified and labeled with a unique designation, inserted into foam holders and placed in a cooled ice chest for transport to the laboratory.

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All non-disposable sampling equipment was decontaminated using a hot water washer and Alconox soap before and between uses. Disposable gloves were used by the technician to collect all samples and were changed with each sample collection.

A chain of custody document, listing all samples collected, accompanied the samples from field to laboratory, thereby providing a means to track their movement and insure their integrity.

All purge water was placed in a 55 gallon DOT approved container, properly labeled and stored on site until its proper disposition can be arranged.

Groundwater monitoring field logs are included in Appendix C.

1.3 Laboratory Analyses

The groundwater samples collected on March 11, 2005, were delivered to Sequoia Analytical of Sacramento, California (ELAP #1624) for analysis of:

- BTEX and Gasoline Range Organics by EPA method 8021/8015
- Diesel Range Organics by EPA method 8015
- MtBE by EPA method 8021/8015

The detection limits for the above analyses are listed in Table 2 of Appendix A, while the lab analytical results are presented in Appendix B.

As required under AB2886, the laboratory data was submitted electronically to GeoTracker on August 23, 2005. The confirmation number is 97339977538.

2.0 FINDINGS AND DISCUSSION

The results of the groundwater sample analyses from the domestic well and MW-1 show the following:

- For the fourth consecutive event, MW-2 was dry.
- For the fifth consecutive event, MW-3, MW-4 and MW-5 were dry and water samples could not be collected.
- Both the domestic well and MW-1 were non-detect above laboratory reporting limits for all analyzed constituents.
- This is the thirteenth consecutive non-detect event for MW-1.
- The domestic well has been non-detect for all analyzed constituents since October of 1999 with one exception noted in the 4th Quarter Monitoring Report February 4, 2003.
- All other wells were dry and thus groundwater analyses were not performed.

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• DO readings are close to saturation levels. Previous measurements of 1.6 to 3.0 ppm are more likely representitive of aquifer conditions. If contamination were to reach the water table, the dissolved oxygen levels are favorable for aerobic biodegradation.

3.0 RECOMMENDATIONS

- GTI is preparing a work plan to determine the presence of and define the extent of petroleum hydrocarbons near the site of a soil vapor anomaly on the property as per CRWQCB directive dated July 22, 2005.
- Groundwater monitoring will resume in the third quarter of 2005 and continue until the completion of a CRWQCB *No Further Action Required* review.

4.0 LIMITATIONS

This report was prepared in accordance with the generally accepted standard of care and practice in effect at the time Services were rendered. It should be recognized that definition and evaluation of environmental conditions is an inexact science and that the state or practice of environmental geology/hydrology is changing and evolving and that standards existing at the present time may change as knowledge increases and the state of the practice continues to improve. Further, that differing subsurface soil characteristics can be experienced within a small distance and therefore cannot be known in an absolute sense. All conclusions and recommendations are based on the available data and information.

The tasks proposed and completed during this project were reviewed and approved by the local regulatory agency for compliance with the law. No warranty, expressed or implied, is made.

Geological Technics Inc.

Groundwater Monitoring – 1st Quarter 2005

Project No. 808.2

August 25, 2005

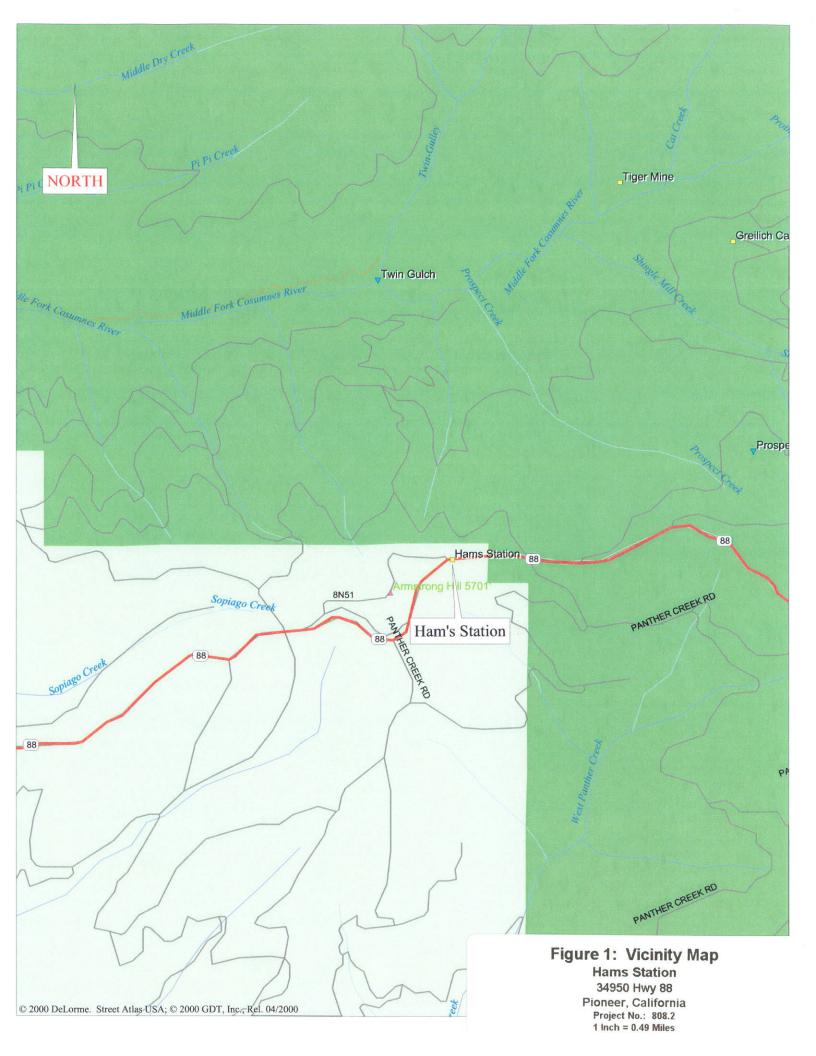
5.0 SIGNATURES AND CERTIFICATION

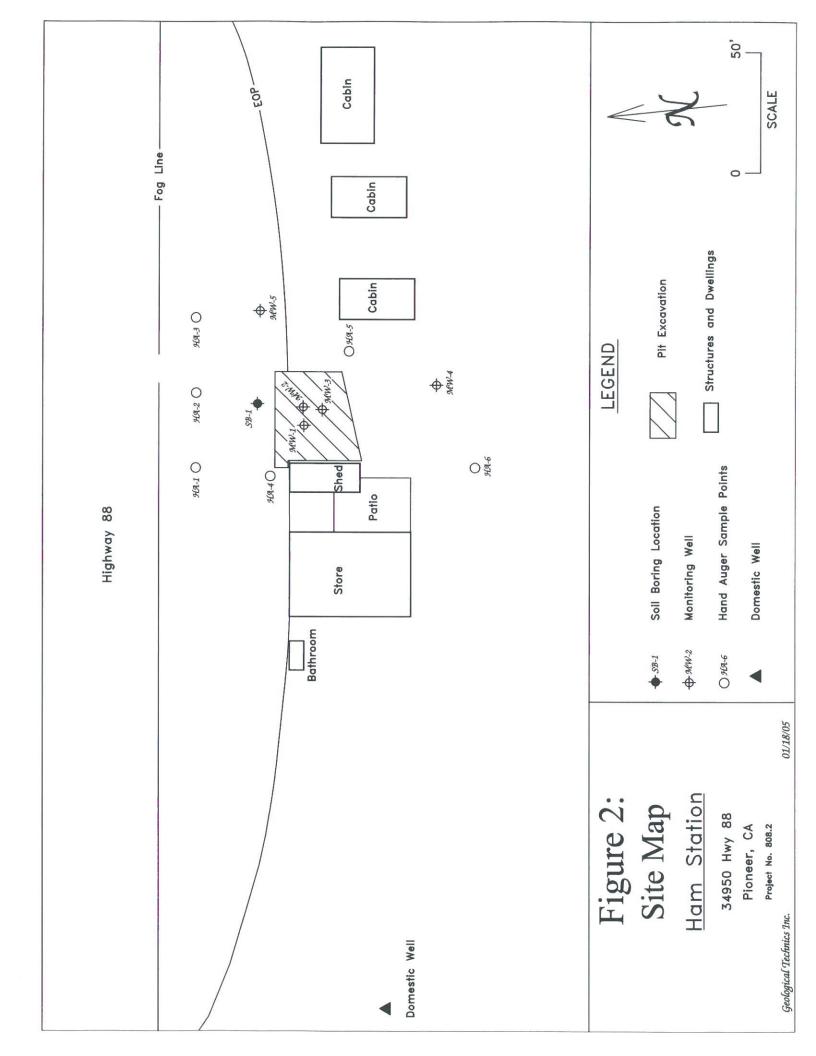
This report was prepared by:

Eric L. Price Geologist

> Raynold Kablanow II, Ph.D. California Professional Geologist #5234 Certified Hydrogeologist #442







Appendix A

Data Tables

8/4/2005

Table 1: Summary of Groundwater Elevation, Bearing and Slope

Ham Station 34950 Hwy 88 Pioneer, Amador, CA Project No. 808.2

				Grou	Groundwater Monitoring Data	onitoring E	Jata			
Date	MW-1	MW-2	MW-3	MW-4	MW-5	Average	Average	Average	*Gradient	*Gradient
	GWL Elev.	GWL Elev.	GWL Elev.	GWL Elev.	GWL Elev.	Elevation	Elevation	DTW	Bearing	Slope ft/ft
						all wells	int wells	int wells		
DT.	168.50	67.29	34.10	65.76	66.21					
70C	5437.06	5436.92	5436.92	5432.90	5438.61					
03/02/03	5286.54									
07/15/03	5287.86									
10/15/03	5287.21									
12/08/03	5285.20	5382.35	5406.95	5367.51	5381.42	5354.12	5377.09	59.05	S26°E	0.2905
03/28/04	5287.21	5372.59	DRY	5367.83	5374.22	5350.46	5371.55	64.60	S02°W	0.0976
06/11/04	5285.33	DRY	DRY	DRY	DRY	5285.33	NA	NA	NA	NA
08/31/04	5287.44	DRY	DRY	DRY	DRY	5287.44	NA	NA	NA	NA
12/14/04	5288.33	DRY	DRY	DRY	DRY	5288.33	NA	NA	NA	NA
03/11/05	5292.03	DRY	DRY	DRY	DRY	5292.03	NA	NA	NA	NA
				Historical Averages =	verages =	5309.62	5374.32	61.82	S12°E	0.1941

*Bearing and Slope determined using MW-2, MW-4 and MW-5

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Table 2: Summary of Groundwater Analytical Data

Ham Station 34950 Highway 88 Pioneer, CA Project No. 808.2

				Sun	nmary of G	Summary of Groundwater Analytical Data	Analytica	Data						
Sample	Date	Benzene	Toluene	Ethyl	Total	TPH	TEPH	MTBE	DIPE	ETBE	TAME	TBA	1,2-DCA	EDB
Designation	Sampled			Benzene	Xylenes	Gasoline	Diesel	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
		ng/L	ng/L	ng/L	ng/L	ng/L	ng/L							
MW-1 (175')	10/02/00	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A
	10/06/00	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A
MW-1	10/09/00	62	203	22	154	1230	N/A	85	ND<5	ND<5	ND<5	ND<20	N/A	N/A
	10/16/00	12	ro	0.4	14	108	N/A	53	ND<5	ND<5	ND<5	28	ND<0.5	ND<0.5
	12/12/00	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	31	ND<5	ND<5	ND<5	ND<20	N/A	N/A
	03/14/01	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<11	N/A	N/A
	06/15/01	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A
	09/23/01	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A
	11/09/01	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A
	12/19/02	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
	03/02/03	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<1	ND<5	ND<5	ND<5	ND<10	N/A	N/A
	07/15/03	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
	10/15/03	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
	03/28/04	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
	06/11/04	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
	08/31/04	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
	12/14/04	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
	03/11/05	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<50	ND<50	ND<2	N/A	N/A	N/A	N/A	N/A	N/A
MW-2	03/28/04	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	0.62	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
	06/11/04						DRY	37						
	08/31/04						DRY	37						
	12/14/04						DRY	47						
	03/11/05						DRY	3Y						
						77 888								
MW-3	03/28/04						D	DRY						
	06/11/04							DRY						
	08/31/04						D	DRY						
	12/14/04							DRY						
	03/11/05						D	DRY						
	03/28/04						D	DRY						

				Sun	nmary of G	Summary of Groundwater Analytical Data	Analytica	I Data						
Sample	Date	Benzene	Toluene	Ethyl	Total	TPH	TEPH	MTBE	DIPE	ETBE	TAME	TBA	1,2-DCA	EDB
Designation	Sampled			Benzene	Xylenes	Gasoline	Diesel	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
		ng/L	ng/L	ng/L	ng/L	ng/L	ng/L							
MW-4	06/11/04						DRV	<u></u>						
	08/31/04							DRY						
	70/84/07							Vac						
	12/14/04						5 6	11						
	03/11/05						DRY	4						
MW-5	03/28/04						DI	DRY						
	06/11/04						D	DRY						
	08/31/04						D	DRY						
	12/14/04						D	DRY						
	03/11/05						DI	DRY						
Domestic Well	10/26/99	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	N/A
	04/19/01	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A
	06/15/01	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A
	09/23/01	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A
	11/09/01	ND<0.3	ND<0.3	ND<0.3	ND<0.3	215	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A
	12/19/02	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
	03/02/03	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<1	ND<5	ND<5	ND<5	ND<10	N/A	N/A
	07/15/03	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
	10/15/03	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
	03/28/04	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
	06/11/04	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5 ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
	08/31/04	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
- Wi-	12/14/04	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	05>QN	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<20	N/A	N/A
	03/11/05	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<50	ND<50	ND<2	N/A	N/A	N/A	N/A	N/A	N/A
Spring #1	01/18/00	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	N/A
Mever's Spring	10/02/00	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<50	N/A	ND<5	ND<5	ND<5	ND<5	ND<20	N/A	N/A

Table 3: Summary of Water Quality Parameter Data

Ham Station 34950 Highway 88 Pioneer, California Project No. 808.2

Monitoring Well			MW-1					MW-2					MW-3		in the second
Date	рН	E.C.	°C	ORP	DO	рН	E.C.	°C	ORP	DO	рН	E.C.	°C	ORP	DO
10/16/00	8.02	193	9.3	210	N/A			CONTRACTOR OF THE PARTY OF THE						S and a second second	
12/11/00	7.74	190	9.5	140	N/A										
03/14/01	8.04	197	10.2	122	N/A										
06/15/01	7.62	145	10.5	218	N/A										
09/23/01	7.95	150	10.3	18	N/A										
11/09/01	7.88	150	10.4	156	N/A										
12/19/02	8.32	146	7.21	56	1.56										
03/07/03	7.84	152	10.3	173	1.70										
07/15/03	7.57	170	9.8	129	7.42										
10/15/03	8.45	135	9.3	71	3.10										
03/28/04	8.57	195	10.5	19.4	7.68	8.48	317	11	58	3.00			DRY		
06/11/04	7.95	178	10.2	24	7.80			DRY					DRY		
08/31/04	7.97	170	10.4	43	7.50			DRY					DRY		
12/14/04	7.83	162	10.3	11	7.72			DRY					DRY		
03/11/05	7.96	240	10.3	68	6.20			DRY					DRY		

Monitoring Well			MW-4					MW-5				Don	nestic	Well	
Date	рН	E.C.	°C	ORP	DO	рН	E.C.	°C	ORP	DO	рН	E.C.	°C	ORP	DO
10/16/00															
12/11/00															
03/14/01															
06/15/01															
09/23/01											8.10	162	15.5	27	N/A
11/09/01											8.07	150	14.8	35	N/A
12/19/02											8.23	121	6.32	85	2.40
03/07/03											8.10	142	12.7	47	N/A
07/15/03											8.18	168	13.3	77.9	N/A
10/15/03											8.43	129	10.9	62	N/A
03/28/04			DRY					DRY			8.65	140	8.8	19.9	N/A
06/11/04			DRY					DRY			8.25	145	10.8	83.1	N/A
08/31/04			DRY					DRY			8.22	140	10.6	99.1	N/A
12/14/04			DRY					DRY			8.12	162	10.3	107.8	N/A
03/11/05			DRY					DRY			7.63	202	14.0	67.9	N/A

Appendix B

Laboratory Data Sheets



30 March, 2005

Eric Price Geological Technics, Inc. 1101 7th Street Modesto, CA 95354

RE: Ham's Station Work Order: S503405

Enclosed are the results of analyses for samples received by the laboratory on 03/16/05 10:47. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Alan B. Kemp For Sylvia Krenn Project Manager

CA ELAP Certificate #1624





Project:Ham's Station Project Number:[none] Project Manager:Eric Price S503405 Reported: 03/30/05 12:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	\$503405-01	Water	03/11/05 14:38	03/16/05 10:47
DW-1	\$503405-02	Water	03/11/05 14:10	03/16/05 10:47

`&□





Project:Ham's Station Project Number:[none] Project Manager:Eric Price S503405 Reported: 03/30/05 12:41

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (S503405-01) Water	Sampled: 03/11/05 14:38	Received: 0.	3/16/05 10	0:47					
Gasoline Range Organics (C4-0	C12) ND	50	ug/l	1	5030392	03/22/05	03/22/05	EPA	
D.	1.77							8015B/8021B	
Benzene	ND	0.50	SH.	11	***		11	н	
Toluene	ND	0.50	191	ti.	11	М	n	.**	
Ethylbenzene	ND	0.50	. 11.	U	.01	n	.0.	.11	
Xylenes (total)	ND	0.50	п	11	***	H	11	п	
Methyl tert-butyl ether	ND	2.0	н	n	11	n	11	п	
Surrogate: 4-BFB (FID)		107 %	60-	140	n	п	"	rr .	
Surrogate: a,a,a-TFT (PID)		86 %	60-	140	"	n	"	11	
DW-1 (S503405-02) Water	Sampled: 03/11/05 14:10	Received: 03	3/16/05 10	:47					
Gasoline Range Organics (C4-0	C12) ND	50	ug/l	1	5030392	03/22/05	03/22/05	EPA	
								8015B/8021B	
Benzene	ND	0.50	**	11	11	11	11	u u	
Toluene	ND	0.50	**	**	11	11	н	н	
Ethylbenzene	ND	0.50	"	11		11	11	п	
Xylenes (total)	ND	0.50	11	11	н	11	11	11	
Methyl tert-butyl ether	ND	2.0	**	н	n	n	11	TH.	
Surrogate: 4-BFB (FID)		109 %	60-	140	. "	n	"	"	
Surrogate: a,a,a-TFT (PID)		88 %	60-	140	"	n	"	"	





Project:Ham's Station Project Number:[none] Project Manager:Eric Price S503405 Reported: 03/30/05 12:41

Extractable Hydrocarbons by EPA 8015B Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (S503405-01) Water	Sampled: 03/11/05 14:38	Received: 03	3/16/05 10:4	1 7					
Diesel Range Organics (C10-C	28) ND	50	ug/l	1	5030318	03/18/05	03/18/05	EPA 8015B-SVOA	
Surrogate: Octacosane		97 %	50-15	0	"	"	"	"	
DW-1 (S503405-02) Water	Sampled: 03/11/05 14:10	Received: 03	3/16/05 10:4	7					
Diesel Range Organics (C10-C	28) ND	50	ug/l	1	5030318	03/18/05	03/18/05	EPA 8015B-SVOA	
Surrogate: Octacosane		88 %	50-15	0	"	"	"	"	





Project:Ham's Station Project Number:[none] Project Manager:Eric Price S503405 Reported: 03/30/05 12:41

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control Sequoia Analytical - Sacramento

Analyte	P 1	Reporting	22 10	Spike	Source		%REC		RPD	10.01
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5030392 - EPA 5030B (P/T) /	EPA 8015B/80)21B								
Blank (5030392-BLK1)				Prepared	& Analyzo	ed: 03/22/	05			
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Benzene	ND	0.50	11							
Toluene	ND	0.50	n							
Ethylbenzene	ND	0.50	**							
Xylenes (total)	ND	0.50	11							
Methyl tert-butyl ether	ND	2.0	11							
Surrogate: 4-BFB (FID)	9.93		"	10.0		99	60-140			***************************************
Surrogate: a,a,a-TFT (PID)	8.55		"	10.0		86	60-140			
Blank (5030392-BLK2)				Prepared .	& Analyze	ed: 03/23/	05			
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	11							
Ethylbenzene	ND	0.50	**							
Xylenes (total)	ND	0.50	**							
Methyl tert-butyl ether	ND	2.0	11							
Surrogate: 4-BFB (FID)	10.4		"	10.0	-	104	60-140			
Surrogate: a,a,a-TFT (PID)	8.85		"	10.0		88	60-140			
Blank (5030392-BLK3)				Prepared	& Analyze	ed: 03/24/	05			
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Benzene	ND	0.50	*1							
Toluene	ND	0.50	11							
Ethylbenzene	ND	0.50	**							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.0	**							
Surrogate: 4-BFB (FID)	10.3		"	10.0		103	60-140			
Surrogate: a,a,a-TFT (PID)	8.80		11	10.0		88	60-140			





Project:Ham's Station Project Number:[none] Project Manager:Eric Price S503405 Reported: 03/30/05 12:41

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control Sequoia Analytical - Sacramento

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5030392 - EPA 5030B (P/T)	/ EPA 8015B/80	21B								
Laboratory Control Sample (5030392	R-BS1)			Prepared a	& Analyze	ed: 03/22/	05			
Benzene	9.59	0.50	ug/l	10.0		96	70-130			
Toluene	9.48	0.50		10.0		95	70-130			
Ethylbenzene	9.63	0.50	"	10.0		96	70-130			
Xylenes (total)	28.3	0.50	11	30.0		94	70-130			
Methyl tert-butyl ether	10.5	2.0	**	10.0		105	70-130			
Surrogate: 4-BFB (FID)	10.9		"	10.0		109	60-140			
Surrogate: a,a,a-TFT (PID)	8.97		"	10.0		90	60-140			
Laboratory Control Sample (5030392	2-BS2)			Prepared	& Analyze	ed: 03/23/	05			
Benzene	9.83	0.50	ug/l	10.0		98	70-130			
Toluene	9.69	0.50	11	10.0		97	70-130			
Ethylbenzene	9.86	0.50	**	10.0		99	70-130			
Xylenes (total)	29.1	0.50	**	30.0		97	70-130			
Methyl tert-butyl ether	10.7	2.0	**	10.0		107	70-130			
Surrogate: 4-BFB (FID)	11.0		"	10.0		110	60-140			
Surrogate: a,a,a-TFT (PID)	8.84		"	10.0		88	60-140			
Laboratory Control Sample (5030392	2-BS3)			Prepared	& Analyze	ed: 03/24/	05			
Benzene	9.10	0.50	ug/l	10.0		91	70-130			
Toluene	9.21	0.50	**	10.0		92	70-130			
Ethylbenzene	9.34	0.50	**	10.0		93	70-130			
Xylenes (total)	27.4	0.50	n	30.0		91	70-130			
Methyl tert-butyl ether	9.34	2.0	"	10.0		93	70-130	IV		
Surrogate: 4-BFB (FID)	9.68		n	10.0		97	60-140			
Surrogate: a,a,a-TFT (PID)	8.61		rr .	10.0		86	60-140			
Matrix Spike (5030392-MS1)	Source: St	503405-02		Prepared	& Analyz	ed: 03/22/	05			
Benzene	9.97	0.50	ug/l	10.0	ND	100	60-140			
Toluene	9.94	0.50	**	10.0	ND	99	60-140			
Ethylbenzene	10.0	0.50	n	10.0	ND	100	60-140			
Xylenes (total)	29.7	0.50	11	30.0	ND	99	60-140			
Methyl tert-butyl ether	11.0	2.0	п	10.0	ND	110	60-140			
Surrogate: 4-BFB (FID)	10.3		"	10.0		103	60-140			
Surrogate: a,a,a-TFT (PID)	8.60		"	10.0		86	60-140			





Project:Ham's Station Project Number:[none] Project Manager:Eric Price S503405 Reported: 03/30/05 12:41

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control Sequoia Analytical - Sacramento

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 5030392 - EPA 5030B (P/T) / EPA 8015B/8021B

Matrix Spike Dup (5030392-MSD1)	Source: S50	Source: S503405-02			Prepared & Analyzed: 03/22/05						
Benzene	9.56	0.50	ug/l	10.0	ND	96	60-140	4	25		
Toluene	9.54	0.50	11	10.0	ND	95	60-140	4	25		
Ethylbenzene	9.58	0.50	**	10.0	ND	96	60-140	4	25		
Xylenes (total)	28.2	0.50	**	30.0	ND	94	60-140	5	25		
Methyl tert-butyl ether	10.4	2.0	81	10.0	ND	104	60-140	6	25		
Surrogate: 4-BFB (FID)	13.2		"	10.0		132	60-140				
Surrogate: a,a,a-TFT (PID)	8.60		"	10.0		86	60-140				





Project:Ham's Station Project Number:[none] Project Manager:Eric Price S503405 Reported: 03/30/05 12:41

Extractable Hydrocarbons by EPA 8015B - Quality Control Sequoia Analytical - Sacramento

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5030318 - EPA 3510C / EPA 8	8015B-SVOA									
Blank (5030318-BLK1)				Prepared	& Analyze	ed: 03/18/	05			
Diesel Range Organics (C10-C28)	ND	50	ug/l							
Surrogate: Octacosane	14.9		"	20.0		74	50-150			
Laboratory Control Sample (5030318-	BS1)			Prepared	& Analyze	ed: 03/18/	05			
Diesel Range Organics (C10-C28)	414	50	ug/l	500		83	60-140			
Surrogate: Octacosane	16.2		"	20.0		81	50-150			
Laboratory Control Sample Dup (5030	318-BSD1)			Prepared	& Analyzo	ed: 03/18/	05			
Diesel Range Organics (C10-C28)	390	50	ug/l	500		78	60-140	6	50	
Surrogate: Octacosane	15.2		"	20.0		76	50-150			





Geological Technics, Inc.Project:Ham's StationS5034051101 7th StreetProject Number:[none]Reported:Modesto CA, 95354Project Manager:Eric Price03/30/05 12:41

Notes and Definitions

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

03/16/2005 WED 10:03 FAX 559 485 6935 BSK LABS _50120SS 2005 品口 R (2) = GRAGNAT2 S Rush Priority (1-Day, 2-Day, 5-Day) EDF REPORTING Laboratory Chain of Custody TOTAL LEAD EDB le de la company 1'S DCA (A.6.T., B.8.T.) "B.M.A.T., B.R.I.O., B.8.T.M.) 8560 U.S.T. OXYGENATES DEL-TECH GEOTECH. M.T.B.E. (8021B) × × (81Z08) ,X,3,T,8 × TPH - DIESEL / 8015M × TPH - GASOLINE / 8021B GROUNDWATER PROFILE МОИПОЯГИВ WELL BILLING TO: GEOLOGICAL TECHE Sample containe Minesance 4 VOA'S / HCL ~ 1 - 1LTR / NEAT 4 VOAS / HCL ~ 1 - 1LTR. / NEAT (209) 522-4119 (209) 522-4227 SEGUOIA 808-5593 NONE NONE NONE NONE Sheet: Phone: P.O. 4 Lab.: FAX: Formal COC Required: [**JEL-TECH** GEOTECHNICAL SUPPORT 8 Date - Track - Track - Straple Description / Pocation -DEL-TECH / 808-5592 (209) 847-8757 / (209) 847-7744 FAX / deltecht@pacbell.net 1ST, QTR. 2005 HAM'S SATION / 34950 HWY. 88 / PIONEER, CA Report Attention: ERIC PRICE MW-1 MW-2 MW-3 MW-4 MW-5 DW-1 GTI / 808 10624 OLIVE AVE. / OAKDALE, CA. 95361 Project Name: Sampled by: Consoltant PROJECT I.D. / GLOBAL I.D. # T0500500051 410 MODESTO, CA. 95354 GEOLOGICAL TECHNICS Sampling Info: 612[13[14 SPECIAL INSTRUCTIONS / NOTES: 3/11/2005 3/11/2005 3/11/2005 3/11/2005 3/11/2005 3/11/2005 1101 7TH ST. PROJECT NAME: QC Report Type: Level ceived / Reliquished by: eceived / Reliquished by: oelved / Refiquished by: ceived / Reliquished by: SK STATES Lab Use Only Cily, Stafe, Zp

Appendix C Groundwater Monitoring Field Logs





2005 GROUNDWATER FIELD MONITORING SUMMARY REPORT

SITE:

HAM'S STATION 34950 HIGHWAY 88 PIONEER, CA March 11, 2005



SAMI	PLE LOCATIO	N/MW-	1		DATE:			3/11/2005	
PROJE	CT NAME:	HAM	I'S STATION		ANALYSI	S PERFO	RMED:	SEE CHAIN C	F CUSTODY
ADDRE	ESS:		HIGHWAY 8	ALTERNATION DESCRIPTION OF THE PERSON NAMED IN COLUMN 1	SAMPLE '			14:38	
-	STATE:		NEER, CA		SAMPLE	-	NERS:	4 V.O.A.'S / 1	LITER NEAT
-	ONTACT:		NEWCOMER	₹	PRESERV		THE RESERVE OF THE PERSON NAMED IN COLUMN 1	HCL	DI I DICTIVATI
	LTANT:		ICAL TECHN		LAB, ANA			SEQUOIA	
	CT MANAGER:	And the second s	UC PRICE		MONUME			FLUSH	
SAMPL			CH / DON LIC	SHT	WELL CA				
SIGNE			3136-30		WELL CA			2" /	0.1632
-	LE MEDIA:	THE RESIDENCE OF THE PERSON NAMED IN COLUMN 1	UNDWATER		P.I.D. REA	DING / C	ODOR:	N/A	NONE
	F CASING ELEVA			MSL	COLOR:			CLEAR	
	TO WATER:	(feet.100th's)	145.03	FEET	CALC. PU	RGE VO	L.:	3.83	GAL.
DEPTH	OF WELL:	(feet.100th's)	168.50	FEET	TOTAL V	OLUME	PURGED	11.49	GAL.
STAND	ING WATER COL	UMN:	23.47	FEET	DEPTH O	F PUMP:		168	FEET
			FIE	LD PAI	RAMETER	RS			
	riconiente de Esposamento de						DEO DEN CAUT		Service Continues of
TIME	CUMULATIVE	DRAW	PUMPING	pН	E. C.	ТЕМР.	O.R.P.	DISSOLVED	TURBIDIT
	CASING VOLUME	DOWN	RATE					OXYGEN	COLOR
	PER PURGE	(D.T.W.)	(GPM/LPM)	(units)	(UmMHOS)	(Celsius)	(Mvolts)	(PPM)	(N.T.U.)
	0	N/A	.5 GPM	8.36	252	12.7	80.2	3.8	CLEAR
	3.83	"	"	8.14	248	10.7	74	5.50	н
	7.66	*1	11	7.99	245	10.3	70	5.80	
	11.49	н	11	7.96	240	10.3	68	6.20	11
		ļ							
			1						
PURGE	METHOD:		4' STAINLES	S STEEL I	BAILER.				
SAMPL	E METHOD:		4' STAINLES	S STEEL I	BAILER.				
D. T. W.	AFTER PURGE:				D. T. W. AT	SAMPLE	TIME:	152.16'	
WELL I	NTEGRITY:		CAP & SEAL	ARE SEC	CURE.				
WELL I	LOCATION:		SEE SITE MA	AP.				***************************************	
REMAR	RKS:				H = 7.63 / E.C.	= 202 / TI	EMP.= 14.0	/ O.R.P.= 67.9 / 0	CLEAR
WEATH	IER:	THE PARTY OF THE P	CLEAR / CO	I D		WIND:		NONE	
	TY CONTROL:				MENT AND SA			WAS CLEANED	IN THE
20,1131		***************************************		All for the second processing and the				NITRILE GLOV	
CONTA	INMENT:				EL DRUM OR				23.
INCTO	INTERITATION.		Val.	ower:					
MOIKU	IMENTATION:		Y.S.I. 3560 FL					YGEN METER	
			SOLINIST SLO				DINE 580B P.	I.D.	
			KECK INTERI	ACE METE	ER	TURBIDIT	Y METER		
# OF DI	RUMS ON SIGHT:		WATER:	1		SOIL:	0		



SAMP	LE LOCATION	I / MW -	2		DATE:		CHANGE CHANGE	3/11/2005	
PROJE	CT NAME:	HAM	'S STATION		ANALYSIS	S PERFO	RMED:	NONE	
ADDRE			HIGHWAY 8	8	SAMPLE			NO SAMPLE	TAKEN
	TATE:		NEER, CA	-	SAMPLE (NERS:	N/A	
	ONTACT:		NEWCOMER		PRESERV	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN		N/A	
	LTANT:		CAL TECHN		LAB. ANA		-	N/A	
PROJE	CT MANAGER:	ER	IC PRICE		MONUME	NT:		FLUSH	
SAMPL	ER:	DEL-TEC	H / DON LIG	HT	WELL CA	SING M	ATERIAL	PVC	
SIGNE):	Star	Sight.	White Wall W	WELL CA	SING DI	A.:	2" /	0.1632
SAMPL	E MEDIA:	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED AND ADDRESS	JNDWATER		P.I.D. REA	DING / C	DDOR:	N/A	N/A
TOP OI	CASING ELEVAT	TION:		MSL	COLOR:			N/A	
	TO WATER:	(feet.100th's)	DRY	FEET	CALC. PU	RGE VO	L.:	N/A	GAL.
-	OF WELL:	(feet.100th's)	67.16	FEET	TOTAL VO			: N/A	GAL.
and the same of the same of	ING WATER COLU		#VALUE!	FEET	DEPTH OI	F PUMP:		67	FEET
			FIE	LD PAF	RAMETER	RS			
TIME	CUMULATIVE	DRAW	PUMPING	pН	E. C.	TEMP.	O.R.P.	DISSOLVED	TURBIDIT
	CASING VOLUME	DOWN	RATE					OXYGEN	COLOR
-	PER PURGE	(D.T.W.)	(GPM/LPM)	(units)	(UmMHOS)	(Celsius)	(Mvolts)	(PPM)	(N.T.U.)
	0	DRY							
	N/A								
	METHOD:		N/A						
	E METHOD:		N/A		FS 201 SE/ 47E	CARADIA	COLLAGO	N7/4	
	AFTER PURGE: NTEGRITY:		CAD & CEAL	A DE CEC	D. T. W. AT	SAMPLI	E HME:	N/A	
	OCATION:		CAP & SEAL SEE SITE MA		UKE.				
REMAR			SEE SITE MA	AP.					
WEATH		· · · · · · · · · · · · · · · · · · ·	CLEAR / CO			WIND:		NONE	
QUALI	TY CONTROL:							T WAS CLEANED	
CONT.	This exchine.							V NITRILE GLOV	ES.
CONTA	INMENT:		D.O.T. 17 55	GAL. STE	EL DRUM OR (60 GAL. PO	OLY DRUM.	o presente de constante de la	
INSTRU	MENTATION:		Y.S.I. 3560 FLO	OWCELL		Y.S.I. DISS	SOLVED OX	YGEN METER	
			SOLINIST SLO	PE METEI	R	THERMOI	DINE 580B P	I.D.	
			KECK INTERF	ACE METI	ER	TURBIDIT	Y METER		



SAMI	PLE LOCATION	/ MW -	3		DATE:			3/11/2005	
PROJE	CT NAME:	НАМ	'S STATION		ANALYSI	S PERFO	RMED:	NONE	
ADDRE	ESS:	34950 1	HIGHWAY 8	8	SAMPLE	гіме:		NO SAMPLE T	TAKEN
CITY, S	STATE:	PIO	NEER, CA		SAMPLE	CONTAI	NERS:	N/A	
SITE C	ONTACT:	TOM 1	NEWCOMER	1	PRESERV	ATIVES:		N/A	
CONSU	LTANT:	GEOLOGI	CAL TECHN	NICS	LAB. ANA	LYSIS B	Y:	N/A	
PROJE	CT MANAGER:	ER	IC PRICE		MONUME	NT:		FLUSH	
SAMPL	ER:	DEL-TEC	H / DON LIC	HT	WELL CA	SING MA	ATERIAL	PVC	
SIGNE	D:	Bar	From.		WELL CA	SING DI	A.:	2" /	0.1632
SAMPL	E MEDIA:	GROU	JNDWATER		P.I.D. REA	DING / C	DDOR:	N/A	N/A
TOP O	F CASING ELEVAT			MSL	COLOR:			N/A	
DEPTH	TO WATER:	(feet.100th's)	DRY	FEET	CALC. PU			N/A	GAL.
		(feet.100th's)	34.10	FEET	TOTAL V			AND THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS N	GAL.
STAND	ING WATER COLI	JMN:	#VALUE!	FEET	DEPTH O	F PUMP:		N/A	FEET
			FIE	LD PAF	RAMETER	RS			
TIME	CUMULATIVE	DRAW	PUMPING	рН	E. C.	ТЕМР.	O.R.P.	DISSOLVED	TURBIDIT
	CASING VOLUME	DOWN	RATE	•				OXYGEN	COLOR
	PER PURGE	(D.T.W.)	(GPM/LPM)	(units)	(UmMHOS)	(Celsius)	(Mvolts)	(PPM)	(N.T.U.)
	0	DRY						İ	69100
	N/A								
PURGE	METHOD:		N/A			***************************************			
SAMPL	E METHOD:		N/A			***************************************			
-	. AFTER PURGE:				D. T. W. A7	SAMPLE	ETIME:	N/A	
	INTEGRITY:		CAP & SEAI	ARE SEC	CURE.				
	LOCATION:		SEE SITE MA	AP.					
REMAI	RKS:								
WEATH	IFD.		CLEAD / CO	I D		WIND:		NONE	
	TY CONTROL:		CLEAR / CO	The second second second	MENT AND CA			NONE T WAS CLEANED	IN THE
QUALI	II CONTROL:							V NITRILE GLOVI	
CONTA	INMENT:				EL DRUM OR				ad.
COMIA	MAN TATERDATE &		2.0.1.1/33	JAL. SIL	DE DROM OR	JO GAL. I	LIDROM		
INSTRU	UMENTATION:		Y.S.I. 3560 FL	OWCELL		Y.S.I. DISS	SOLVED OX	YGEN METER	
			SOLINIST SLO		R		DINE 580B P		
			KECK INTERI	FACE MET	ER	TURBIDIT			



SAMI	PLE LOCATION	1 / MW -	4		DATE:		S	3/11/2005	
PROIF	CT NAME:	НАМ	'S STATION		ANALYSI	C DEDEC	DMED.	NONE	
ADDRE			HIGHWAY 8		SAMPLE '		KMED:	NO SAMPLE	FAVEN
CITY, S			NEER, CA	90	SAMPLE		NEDC.	N/A	IAKEN
-	ONTACT:		NEWCOME!	2	PRESERV			N/A	
	LTANT:		ICAL TECHN	-	LAB. ANA	-	-	N/A	
001100		OEOEOG.	EAE TECH	vies	LAD, AIVA	LIGISB		IVA	
PROJE	CT MANAGER:	ER	IC PRICE		MONUME	NT:		FLUSH	
SAMPL	ER:	DEL-TEC	H / DON LIC	3HT	WELL CA		ATERIAL		
SIGNE);	Dar	Sight.		WELL CA	SING DI	A.:	2" /	0.1632
SAMPL	E MEDIA:	GROU	JNDWATER		P.I.D. REA		A STATE OF THE PARTY OF THE PAR	N/A	N/A
TOP OI	CASING ELEVAT	ION:		MSL	COLOR:			N/A	
DEPTH	TO WATER:	(feet.100th's)	DRY	FEET	CALC. PU	RGE VO	L.:	N/A	GAL.
DEPTH	OF WELL:	(feet.100th's)	65.20	FEET	TOTAL V	OLUME	PURGED	: N/A	GAL.
STAND	ING WATER COL	JMN:	#VALUE!	FEET	DEPTH O	F PUMP:		N/A	FEET
			FIE	LD PAI	RAMETER	RS			
TIME	CUMULATIVE	DRAW	PUMPING	pН	E. C.	TEMP.	O.R.P.	DISSOLVED	TURBIDIT
	CASING VOLUME	DOWN	RATE					OXYGEN	COLOR
	PER PURGE	(D.T.W.)	(GPM/LPM)	(units)	(UmMHOS)	(Celsius)	(Mvolts)	(PPM)	(N.T.U.)
	0	DRY							
	N/A	***************************************							
				SSummer of the later					
PURGE	METHOD:	74-1-	N/A						
	E METHOD:		N/A				//80///		
D. T. W.	AFTER PURGE:				D. T. W. AT	SAMPLE	TIME:	N/A	
WELL I	NTEGRITY:		CAP & SEAL	ARE SEC	URE.				
WELL I	OCATION:		SEE SITE MA	AP.					
REMAR	KS:				***************************************				
WEATH	ER:		CLEAR / CO	LD		WIND:		NONE	
	Y CONTROL:	-			MENT AND SA			T WAS CLEANED	IN THE
								V NITRILE GLOVE	
CONTA	INMENT:				EL DRUM OR (
INSTRI	MENTATION:		V C L 25(0.F)	OWCELL		VELDICE	OLVED ON	VOEN LESSE	
MOINU	WENTATION:		Y.S.I. 3560 FLO)			YGEN METER	
			SOLINIST SLO				DINE 580B P.	.I.D.	
			KECK INTERF	ACE MET	CK .	TURBIDIT	Y METER		



SAMP	LE LOCATION	/ MW -	5		DATE:			3/11/2005	
PROJE	CT NAME:		'S STATION		ANALYSIS		RMED:	NONE	
ADDRE	The second secon		HIGHWAY 8	8	SAMPLE			NO SAMPLE T	TAKEN
CITY, S	THE RESERVE THE PARTY OF THE PA		NEER, CA		SAMPLE (N/A	
	ONTACT:		NEWCOMER	Delt opening on the last	PRESERV		No. of Contract of	N/A	
CONSU	LTANT:	GEOLOG	CAL TECHN	IICS	LAB. ANA	LYSIS B	Y:	N/A	
						N. VIEW		ELLION	
	CT MANAGER:		IC PRICE	N PT	MONUME		ATEDIAL	FLUSH	
SAMPL			CH / DON LIG	iH I	WELL CA			PVC 2" /	0.1632
SIGNEI		The second secon	SINDWATED.		P.I.D. REA			N/A	N/A
	E MEDIA: CASING ELEVAT		JNDWATER	MSL	COLOR:	DING/C	DOK:	N/A	14/74
AND DESCRIPTION OF THE PERSON NAMED IN	TO WATER:	(feet.100th's)	DRY	FEET	CALC. PU	RGE VO	1	N/A	GAL.
		(feet.100th's)	65.80	FEET	TOTAL V				GAL.
	ING WATER COLU		#VALUE!	FEET	DEPTH O			N/A	FEET
			FIE	LD PAF	RAMETER	RS			
TIME	CUMULATIVE	DRAW	PUMPING	рН	E. C.	ТЕМР.	O.R.P.	DISSOLVED	TURBIDIT
	CASING VOLUME	DOWN	RATE					OXYGEN	COLOR
	PER PURGE	(D.T.W.)	(GPM/LPM)	(units)	(UmMHOS)	(Celsius)	(Mvolts)	(PPM)	(N.T.U.)
	0	DRY					*		
	N/A								
					<u> </u>				
			Carrier Independent						
PURGE	METHOD:		N/A						
SAMPL	E METHOD:		N/A						
D. T. W.	AFTER PURGE:				D. T. W. A7	SAMPLE	E TIME:	N/A	
WELL	NTEGRITY:		CAP & SEAI		CURE.				
WELL	LOCATION:		SEE SITE M.	AP.					
REMAR	RKS:								
WEATH	IER:		CLEAR / CO	LD		WIND:		NONE	
	TY CONTROL:				MENT AND SA			T WAS CLEANED	IN THE
			FIELD WITH	A STEAM	ICLEANER & A	LCONOX	SOAP. NEI	W NITRILE GLOV	ES.
CONTA	INMENT:		D.O.T. 17 55	GAL. STE	EL DRUM OR	60 GAL. P	OLY DRUM	!	
INSTRI	JMENTATION:		Y.S.I. 3560 FL	OWCELL	-	Y.S.I. DIS	SOLVED OX	YGEN METER	
21.10/11/10			SOLINIST SL		R		DINE 580B F		
			KECK INTER	FACE MET	ER	TURBIDIT	Y METER		



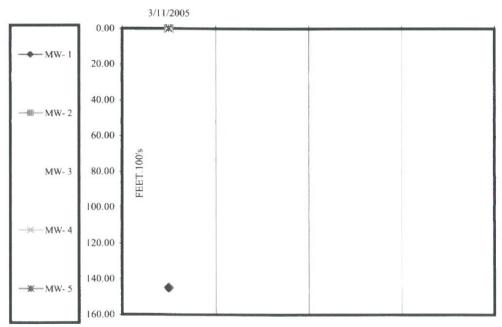
DEL-TECH GEOTECHNICAL SUPPORT

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HAM'S STATTION 34950 HWY. 88 / PIONEER, CA.

MONITORING WELL FIELD SUMMARY LOG 2005 DEPTH TO WATER MEASUREMENTS

	QTR. 1	QTR. 2	QTR. 3	QTR. 4	TOTAL
DATE	3/11/05				DEPTH
LOCATION					
MW- 1	145.03				168.50'
MW- 2	DRY				67.16'
MW- 3	DRY				33.71'
MW- 4	DRY				65.20'
MW- 5	DRY				65.80'
			7-11		



D.T.W. CHART

NOTE:

ALL MEASUREMENTS ARE MADE FROM THE NORTH SIDE AND TOP EDGE OF THE WELL CASING. THE TOP OF CASING WITH A NOTCH OR PERMENANT MARKINGS, WHICH EVER ONE CONDITION IS APPROPRIATE.